

## REFERENCES

- Beschta, R.L., R.E. Bilby, and G.W. Brown. 1987. Stream temperature and aquatic habitat: fisheries and forestry interactions. In Salo, E.O. and T.W. Cundy eds., *Streamside management: forestry and fishery interactions*. Contrib. 57. University of Washington. College of Forest Resources. p. 191–232.
- Beschta, R.L. 1997. Riparian Shade and Stream Temperature: An Alternative Perspective. *Rangelands* 19(2):25-28.
- Biggs, B.J.F. 2000. *New Zealand Periphyton Guideline: Detection, Monitoring, and Managing Enrichment of Streams*. Prepared for Ministry of Environment. NIWA, Christchurch.
- Borchardt, M.A. 1996. Nutrients. In Stevenson, R.J., M.L. Bothwell, R.L. Lowe Algal eds, *Algal Ecology: Freshwater Benthic Ecosystems*. p.183-227.
- Brown, G.W. 1980. *Forestry and water quality*. School of Forestry. Oregon State University.
- Brown, L.R. and P.B. Moyle. 1991. *Status of Coho Salmon in California: Report to the National Marine Fisheries Service*. Department of Wildlife and Fisheries Biology, University of California, Davis. 98pp.
- Brown, L.R., P.B. Moyle, and R.M. Yoshiyama. 1994. *Historical Decline and Current Status of Coho Salmon in California*. *North American Journal of Fisheries Management*. 14(2):237-261.
- Brungs, W.A., and B.R. Jones. 1977. *Temperature criteria for freshwater fish: Protocol and procedures*. Environmental Research Laboratory, Duluth, MN. U. S. Environmental Protection Agency. EPA-600/3-77-061. 136 pp.
- California Department of Fish and Game (CDFG), 1965. *California Fish and Wildlife Plan. Volume III, Supporting Data. Part B-Inventory Salmon-Steelhead & Marine Resources*. 356pp.
- California Department of Fish and Game (CDFG). 1975. *Lake Shastina Fishery Management Summary*. Draft-June 24, 1975. Single page with no page number faxed to NCRWQCB from Jim Whelan of CDFG on July 12, 2005.
- California Department of Fish and Game (CDFG). 1987. *Memorandum to North Coast Regional Water Quality Control Board*. March 24, 1987. 3 pp.
- California Department of Fish and Game (CDFG). 1988. *Memorandum to North Coast Regional Water Quality Control Board*. March 24, 1988. 1 pp.

- California Department of Fish and Game (CDFG). 1997. A biological needs assessment for anadromous fish in the Shasta River, Siskiyou County, California. California Department of Fish and Game, Northern California-North Coast Region. Redding, CA. 29 pp.
- California Department of Fish and Game (CDFG). 2001. Document on a fish kill in Lake Shastina prepared by Dennis Maria, Associate Fisheries Biologist, on September 12, 2001 with attached pathology report dated September 11, 2001. No coverpage/titlepage attached. Faxed to NCRWQCB by Jim Whelan of CDFG on July 12, 2005.
- California Department of Fish and Game (CDFG). 2002. Status Review of California Coho Salmon North of San Francisco. Report to the California Fish and Game Commission. The Resources Agency. Sacramento, CA. 232pp +appendices.
- California Department of Fish and Game (CDFG). 2004a. Klamath River Basin Fall Chinook Spawner Escapement, In-river Harvest, and Run-size Estimates 1978-2004. Arcata, CA. 11pp.
- California Department of Fish and Game (CDFG). 2004b. Recovery Strategy for California Coho Salmon. Report to the California Fish and Game Commission. Available at: <<http://www.dfg.ca.gov/nafwb.cohorecovery>>. Website accessed February 1, 2006.
- California Department of Fish and Game (CDFG). 2005a. Fact sheet regarding incidental take permitting and streambed alteration agreement requirements for agricultural diversions in the Shasta and Scott River watersheds. 4 pp.
- California Department of Fish and Game (CDFG). 2005b. Field Notes: June 30, July 7, July 8, and July 14, 2005.
- California Department of Fish and Game (CDFG). 2005c. Fisheries Programs Branch, Freshwater Fishing Guide. Available at: <<http://www.dfg.ca.gov/fishing/html/FishingGuide/FishingGuide.html>>. Website accessed July 12, 2005.
- California Department of Transportation (Caltrans). 2003. Caltrans Storm Water Management Plan, CTSW-RT-02-008: Division of Environmental Analysis, May 2003. Available at: <<http://www.dot.ca.gov/hq/env/stormwater/index.htm>>. Website accessed February 1, 2006.
- California State Lands Commission. 1993. California's Rivers: A Public Trust Report. Sacramento, Calif.
- Carlson, R.E. 1977. A trophic state index for lakes. Limnology and Oceanography. 22:361-369. Available at: <[http://www.aslo.org/lo/toc/vol\\_22/issue\\_2/0361.pdf](http://www.aslo.org/lo/toc/vol_22/issue_2/0361.pdf)>. Website accessed September 15, 2005.

- Carpenter, K.D. 2003. Water-Quality and Algal Conditions in the Clackamas River Basin, Oregon, and their Relations to Land and Water Management. United States Geologic Survey. Water-Resources Investigations Report 02-4189. 90pp.+appendices.
- Chapra, S.C. 1997. Surface Water-Quality Modeling. San Francisco, CA. McGraw-Hill Companies, Inc.
- Chesney, W.R. 2000. Annual Report: Study 3a1, Shasta and Scott River Juvenile Steelhead Trapping, 2000. California Department of Fish and Game, Northern California North Coast Region, Steelhead Research and Monitoring Program. Yreka, CA. 37 pp.
- Chesney, W.R. 2002. Annual report: Shasta and Scott River juvenile salmonid outmigrant study, 2000-2001. Project 2a1. California Department of Fish and Game, Northern California North Coast Region, Steelhead Research and Monitoring Program. Yreka, CA. 38 pp.
- Chesney, W.R and E. M. Yokel. 2003. Annual report: Shasta and Scott River juvenile salmonid outmigrant study, 2001-2002. Project 2a1. California Department of Fish and Game, Northern California North Coast Region, Steelhead Research and Monitoring Program. Yreka, CA. 40 pp.
- Chesney, W.R, S.D. Unger, and E.M. Yokel. 2004. Annual report: Shasta and Scott River juvenile salmonid outmigrant study, 2003. Project 2a1. California Department of Fish and Game, Northern California North Coast Region, Anadromous Fisheries Resource Assessment and Monitoring Program. Yreka, CA. 58 pp.
- Chesney, W.R. 2005. Personal communication with Bill Chesney of the California Department of Fish and Game via e-mail to Katharine Carter (Regional Water Board Staff) on December 19, 2005. Copy was printed for the files.
- Coos Watershed Association. Undated. Willanch creek: project effectiveness monitoring and stream temperature study 1997-2002. 6 pp.
- Crandell, D.R. 1989. Gigantic Debris Avalanche of Pleistocene Age from Ancestral Mount Shasta Volcano, California, and Debris-Avalanche Hazard Zonation. United States Geological Survey Bulletin 1861. 32pp.
- De la Fuente, J., and D. Elder. 1998. The flood of 1997, Klamath National Forest, Phase I Final Report. Klamath National Forest, Yreka, CA. November 24, 1998. 76 p. + appendices.
- Deas, M., J. Haas, and G.T. Orlob. 1997. Shasta River Woody Riparian Vegetation Inventory. University of California, Davis. Department of Civil and Environmental Engineering. 24 pp. + appendices.

- Deas, M., A. Abbott, and A. Bale. 2003. Shasta River Flow and Temperature Modeling Project. Watercourse Engineering, Inc. 119 pp. +appendix.
- Deas, M. and L. Geisler. 2004. Memorandum: Shasta River flow and temperature modeling implementation, testing, and calibration. Watercourse Engineering, Inc and University of California Davis. September 13, 2004. 22pp.
- Deas, M. 2005a. Technical Memorandum: Shasta River Screening Analyses and Assessments. Watercourse Engineering, Inc. August 16, 2005. 102pp.
- Deas, M. 2005b. Technical Memorandum: Shasta River Algae Box Model. Watercourse Engineering, Inc. August 16, 2005. 43pp.
- Deas, M. 2005c. Technical Memorandum: TVA River Modeling System: ADYN and RQUAL-RMS Model Specifications and Background. Watercourse Engineering, Inc. August 17, 2005. 11pp.
- DeNicola, D.M. 1996. Periphyton responses to temperature at different ecological levels. In Stevenson, R.J., M.L. Bothwell, R.L. Lowe Algal eds, Algal Ecology: Freshwater Benthic Ecosystems. p.150-183.
- Department of Water Resources (DWR). 1964. Shasta Valley Investigation. Bulletin No. 87. July 1964.
- Department of Water Resources (DWR). 2004. Shasta Valley Groundwater Basin. California's Groundwater: Bulletin 118. Individual Basin Descriptions. Available at: <<http://www.groundwater.water.ca.gov/bulletin118/>>. Website accessed August 8, 2005.
- Department of Water Resources (DWR). Undated a. Annual Land and Water Use Data, Irrigated Crop Acreage. Available at: <<http://www.landwateruse.water.ca.gov/annualdata/landuse/years.cfm>>. Website accessed January 21, 2005.
- Department of Water Resources (DWR). Undated b. Annual Land and Water Use Data, Crop Water Use, Applied Water. Available at: <<http://www.landwateruse.water.ca.gov/annualdata/agwateruse/years.cfm?use=5>>. Website accessed January 21, 2005.
- Dodds, W.K., J.R. Jones, and E.B. Welsh. 1998. Suggested Classification of Stream Trophic State: Distribution of Temperate Stream Types by Chlorophyll, Total Nitrogen, and Phosphorus. *Water Resources*. 5:1455-1462.
- Eilers, J.M. 2005. Periphyton in Selected Sites of the Klamath River, California. Max Depth Aquatics, Inc. Bend, OR. 20pp.

Elliott, J. 1981. Some aspects of thermal stress on freshwater teleosts. In Pickering, A.D. ed., *Stress and Fish*: Academic Press, London, p. 209-245.

Environment Waikato Regional Council. Undated. Water Quality Glossary; Ecological measures; Trophic state. Available at: <<http://www.ew.govt.nz/enviroinfo/water/lakes/lakesglossary.htm#heading5>>. Website accessed September 29, 2005.

Fitzgerald, R.M. 2004. Memorandum to File. Subject: Inter-agency General Water Quality Monitoring Conditions and Monitoring Objectives. June 29, 2004.

Fitzgerald, R.M. 2005. Memorandum to File. Subject: Economic Analysis – Grazing and Riparian Management Plans. August 31, 2005.

Flint, A. and L. Flint. 2005. Estimation of hourly stream temperatures in unmeasured tributaries to the Lower Klamath River, California. U.S. Geological Survey, Sacramento, CA. 42 pp.

Flint, L.E., A.L. Flint, D.S. Curry, S.A. Rounds, and M.C. Doyle. 2005. Water-Quality Data from 2002 to 2003 and Analysis of Data Gaps for Development of Total Maximum Daily Loads in the Lower Klamath River Basin, California. U.S. Geological Survey Scientific Investigations Report 2004-5255. 77pp.

Florida Lake Watch. Undated. Trophic State: A Waterbody's Ability To Support Plants, Fish, and Wildlife. University of Florida, Department of Fisheries and Aquatic Sciences. Available at: <<http://lakewatch.ifas.ufl.edu/LWcirc.html>>. Website accessed September 15, 2005.

Fore, L.S. and C. Grafe. 2002. Using diatoms to assess the biological condition of large rivers in Idaho (U.S.A.). *Freshwater Biology*. 47:2015-2037.

Gale, W.L., A.G. Maule, A. Postera, and M. Peter-Swihart. 2001. Effects of Supersaturated Water on Reproductive Success of Adult Salmonids. Bonneville Power Administration project no. 2000-58. December 2, 2001. 33 pp.

Geisler, L. and Watercourse Engineering, Inc. 2005. Shasta River Flow, Temperature, and Dissolved Oxygen Model Calibration Technical Report. Prepared for the Information Center for the Environment, University of California Davis Department of Environmental Science and Policy, and North Coast Regional Water Quality Control Board. 57pp.

Hampton, M. 2002. Summary of Chinook and Coho Salmon Observations in 2001. Shasta River Fish Counting Facility, Siskiyou County, CA. California Department of Fish and Game. Yreka, CA. 7 pp.

- Hampton, M. 2003. Shasta River Fish Counting Facility, Chinook and Coho Salmon Observations in 2002, Siskiyou County, CA. California Department of Fish and Game. Yreka, CA. 17 pp.
- Hampton, M. 2004. Shasta River Fish Counting Facility, Chinook and Coho Salmon Observations in 2003, Siskiyou County, CA. California Department of Fish and Game. Yreka, CA. 19 pp.
- Hampton, M. 2005a. Shasta River Fish Counting Facility, Chinook and Coho Salmon Observations in 2004, Siskiyou County, CA. California Department of Fish and Game. Yreka, CA. 19 pp.
- Hampton, M. 2005b. Chinook and coho salmon update for Shasta River and Bogus Creek. E-mail and attachments from Mark Hampton of the California Department of Fish and Game on December 9, 2005, 12:29PM. Forwarded to Matt St. John of Regional Water Board Staff by David Webb January 9, 2006, 2:41PM. Copy was printed for the files.
- Hardy, T.B. and R.C. Addley. 2001. Evaluation of interim instream flow needs in the Klamath River, Phase II, draft final report. Report prepared for USDI. Institute for Natural Systems Engineering. Utah Water Research Laboratory. Utah State University. Logan UT. November. 304pp.
- Horner, G. 2005. Shasta Watershed Economics Report – 1<sup>st</sup> Draft. November 27, 2005.
- Independent Multidisciplinary Science Team. 2000. Influences of human activity on stream temperatures and existence of cold water fish in streams with elevated temperature. Technical report 2000-2 to the Oregon Plan for Salmon and Watersheds. Oregon Watershed Enhancement Board. Salem, OR. 35 p. + appendices.
- Johnson, S.L. and J.A. Jones. 2000. Stream temperature responses to forest harvest and debris flows in western Cascades, Oregon. Canadian Journal of Fisheries and Aquatic Sciences. 57(supplement 2): 30-39.
- Johnson, S.L. 2003. Stream temperature: scaling of observations and issues for modeling. Hydrological Processes. 17: 497-499.
- Johnson, S.L. 2004. Factors influencing stream temperatures in small streams: substrate effects and a shading experiment. Canadian Journal of Fisheries and Aquatic Sciences. 61(6): 913-923.
- Kann, J. 2005. 2004 Toxic Cyanobacterial (Blue-Green Algae) Bloom in Copco Reservoir, CA. Power Point presentation to California, Federal, and County Agencies. March 8, 2005. 12 pp.

- Kennedy, J.A., F.M. Shilling, and J.H. Viers. 2005. Current and potential riparian forest condition along Scott River watershed tributaries. Prepared for the North Coast Regional Water Quality Control Board and University of California, Davis. June 13, 2005. 50 pp.
- Kiffney, P.M., J.S. Richardson, and J.P. Bull. 2003. Responses of periphyton and insects to experimental manipulation of riparian buffer width along forest streams. *Journal of Applied Ecology*. 40:1060-1076.
- Klamath River Basin Fisheries Task Force (KRBFTF). 1991. Long Range Plan for The Klamath River Basin Conservation Area Fishery Restoration Program. Assistance from William M. Kier Associates. 403pp.
- Klamath Resource Information System (KRIS). 2005. KRIS Background, Geology and River Overviews: Shasta River, Shasta River Basin Geology, and Shasta River Hydrology. Available at: <<http://www.krisweb.com/>>. Website accessed August 2, 2005.
- Klamath Resource Information System (KRIS). 2006. KRIS Klamath Chart Table Page, Shasta Racks data 1930-2002. Available at: <<http://www.krisweb.com/>>. Website accessed January 18, 2006.
- Koteen, J., S. Alexander, and J. Loomis. 2002. Evaluating the benefits and costs of changes in water quality. USDA, Forest Service. Pacific Northwest Research Station. General Technical Report PNW-GTR-548. July 2002.
- Lanse, R.I. 1971. The 1970 Sport Fish Harvest-Shasta River, Siskiyou County, Including the Proportion of the Adult Steelhead (*Salmo Gairdnerii Gairdnerii*) Population Harvested by Anglers. California Department of Fish and Game, Region 1, Inland Fisheries. Anadromous Fisheries Branch Administrative Report No. 72-1, submitted June, 1971. 21pp.
- Leidy, R.A. and G.R. Leidy. 1984. Life Stage Periodicities of Anadromous Salmonids in the Klamath River Basin, Northwestern California. US Fish and Wildlife Service, Sacramento, CA. 21pp. +appendix.
- Ligon, F., Rich, A., Rynearson G., Thornburgh, D., and Trush W. 1999. Report of the Scientific Review Panel on California Forest Practice Rules and salmonid habitat: Prepared for the Resource Agency of California and the National Marine Fisheries. Sacramento, CA. 92pp. + appendices.
- MacDonald, L.H., A.W. Smart, and R.C. Wissmar. 1991. Monitoring guidelines to evaluate effects of forestry activities on streams in the Pacific Northwest and Alaska: developed for Region 10, U.S. Environmental Protection Agency with the University of Washington. EPA 910/9-91-001.

- Mesa, M.G., L.K. Weiland, and A.G. Maule. 2000. Progression and Severity of Gas Bubble Trauma in Juvenile Salmonids. *Transactions of the American Fisheries Society*. 129:174-185.
- Miner, J.R. and D. Godwin. 2003. Documenting progress toward achieving stream temperature compliance in Oregon TMDL plans. Oregon State University Extension. Salem, OR. 10 pp.
- Mooney, D.B., and M. A. Burch. 2004. Report on Legal Issues-Shasta Water Users Association Efficiency Study. Prepared for Greater Northern Corporation. March 2004
- Moyle, P.B. 2002. Inland Fishes of California, 2<sup>nd</sup> Ed. Berkeley and Los Angeles, CA. University of California Press.
- National Academy of Sciences (NAS). 2004. Valuing Ecosystem Services: Toward Better Environmental Decision-Making. National Research Council: The National Academies Press. Washington, D.C.
- National Research Council (NRC). 2003. Endangered and Threatened Fishes in the Klamath River Basin: Causes of Decline and Strategies for Recovery. The National Academies Press. Washington, D.C. 378 pp. + appendices.
- Natural Resources Conservation Service (NRCS). 1997a. NRCS Irrigation-Handbooks and Manuals-National Engineering Handbook Part 652-Irrigation Guide, Chapter 7: Farm Distribution Components. United States Department of Agriculture. September 1997. 29pp. Available at: <http://www.wcc.nrcs.usda.gov/nrcsirrig/irrig-handbooks-part652-chapter7.html> >. Website accessed February 1, 2006.
- Natural Resources Conservation Service (NRCS). 1997b. NRCS Irrigation-Handbooks and Manuals-National Engineering Handbook Part 652-Irrigation Guide, Chapter 9: Irrigation Water Management. United States Department of Agriculture. Available at: <http://www.wcc.nrcs.usda.gov/nrcsirrig/irrig-handbooks-part652-chapter9.html> >. Website accessed February 1, 2006.
- Natural Resources Conservation Service (NRCS). 2002. National Agronomy Manual. United States Department of Agriculture. October 2002. Available at: [http://policy.nrcs.usda.gov/scripts/lpsiis.dll/M/M\\_190\\_NAM.htm](http://policy.nrcs.usda.gov/scripts/lpsiis.dll/M/M_190_NAM.htm) >. Website accessed February 2, 2006.
- Norgaard, K. 2004. The effects of altered diet on the health of the Karuk people: a preliminary report. Written under contract by the Karuk Tribe of California, Department of Natural Resources Water Quality Program. 2004.

- North Coast Regional Water Quality Control Board (NCRWQCB). 2004a. City of Yreka Wastewater Treatment Facility, Regional Board File ID No. 1A840730515.
- North Coast Regional Water Quality Control Board (NCRWQCB). 2004b. Shasta River Water Quality Conditions, 2002 & 2003. Draft for Public Review May 2004.
- North Coast Regional Water Quality Control Board (NCRWQCB). 2005. Water Quality Control Plan for the North Coast Region. 39 pp. + appendices.
- North Coast Regional Water Quality Control Board and University of California Davis Aquatic Ecosystems Analysis Laboratory (NCRWQCB and UCD AEAL). 2005. Shasta River Water Quality Related Investigations-2004. 24pp. + appendices.
- Olem, H. and G. Flock, eds. 1990. Lake and Reservoir Restoration Guidance Manual. 2<sup>nd</sup> Edition. EPA 440/4-90-006. Prep. By N. Am. Lake Manage. Soc. For U.S. Environ. Prot. Agency, Washington D.C.
- Oregon Department of Environmental Quality (ODEQ). 2000. Upper Grande Ronde sub-basin Total Maximum Daily Load (TMDL) and Water Quality Management Plan (WQMP). Oregon Department of Environmental Quality. May 1999. Available at: <<http://www.deq.state.or.us/WQ/TMDLs/GrandRondeBasin/UpperGrandRonde/UprGRTMDL.pdf>>.
- Oregon Department of Environmental Quality (ODEQ). 2002. Upper Klamath Lake drainage stream temperature analysis: vegetation, hydrology, and morphology, Upper Klamath Lake drainage TMDL, attachment 1. Oregon Department of Environmental Quality. May 2002.
- Ouzel Enterprises. 1991. Shasta River Fisheries Water Quality Project 1990-1991. Prepared for the Shasta Valley Resource Conservation District. June 1991. 37pp + appendix.
- Pacific Fishery Management Council. 2005. Review of 2004 Ocean Salmon Fisheries. (Document prepared for the Council and its advisory entities.) Pacific Fishery Management Council, 7700 NE Ambassador Place, Suite 200, Portland, Oregon 97220-1384.
- PacifiCorp. 2004. Final Technical Report: Fish Resources. Klamath Hydroelectric Project (FERC Project No. 2082). Portland, OR. 630pp + appendices.
- Ribaudo, M. 1989. Water Quality Benefits from the Conservation Reserve Program. Natural Resource Economics Division, Economic Research Service. U.S. Department of Agriculture. Agricultural Economic Report No. 606. Washington, D.C. February 1989.

- Shasta Valley Coordinated Resource Management and Planning Committee (Shasta CRMP). 1997. Shasta Watershed Restoration Plan. Available at: <<http://www.snowcrest.net/shastacrmp/biblio/shasta/crmp/crmppln.pdf>>. Website accessed October 20, 2005.
- Shasta Valley Coordinated Resource Management and Planning Committee (Shasta CRMP). 2005. About the Shasta CRMP and Frequently Asked Questions. Available at: <<http://www.snowcrest.net/shastacrmp/faq.html>>. Website accessed October 20, 2005.
- Shasta Valley Resource Conservation District (SVRCD). 2005a. RCD-Watershed Information Sharing Project. Available at: <<http://www.carcd.org/wisp/shastavalley>>. Website accessed October 20, 2005.
- Shasta Valley Resource Conservation District (SVRCD). 2005b. Shasta Valley Resource Conservation District Master Incidental Take Permit Application for Coho Salmon (*Oncorhynchus kisutch*). 120pp. Available at: <<http://www.svrcd.org/Permits/Permits%20Web%20Page.htm>>. Website accessed August 15, 2005.
- Shasta Valley Resource Conservation District (SVRCD). Undated. Shasta Valley Resource Conservation District, Long Range Plan 2001-2005. 11pp. Available at: <<http://www.carcd.org/wisp/shastavalley/lr-plan.htm>>. Website accessed January 5, 2005.
- Shaw, T.A., C. Jackson, D. Nehler, and M. Marshall. 1997. Klamath River (Iron Gate Dam to Seiad Creek) Life Stage Periodicities for Chinook, Coho, and Steelhead. USDI-Fish and Wildlife Service, Coastal Calif. Fish and Wildlife office, Arcata, CA. 43 pp. + appendices.
- Sinokrot, B.A., and H.G. Stefan. 1993. Stream temperature dynamics: Measurements and modeling. *Water Resources Research*. 29(7):2299-2312.
- Siskiyou County. 2005. Siskiyou County Economic Development Council, Siskiyou County Transportation. Available at: <<http://www.siskiyoucounty.org/transportation.htm>>. Website accessed October 19, 2005.
- Siskiyou County Library. 2000. Gold Mining in Siskiyou County-A Digital Collection. Available at: <<http://www.snowcrest.net/siskiyoulibrary/gold/intro.html>>. Website accessed January 21, 2005.
- Snyder, J.O. 1931. Salmon of the Klamath River, California. Calif. Dept. of Fish and Game, Vol. 10, No. 4. 121 pp.
- Snyder, J.O. 1933. A steelhead migration in Shasta River. *California Fish and Game* 19(4): 252-254.

- State of California Department of Public Works (CADPW). 1932. Shasta River Adjudication Proceeding, Judgment and Decree, In the Matter of the Determination of the Relative Rights, Based Upon Prior Appropriation, of the Various Claimants to the Waters of Shasta River and its Tributaries, in Siskiyou County, California. No. 7035. Decree entered December 30, 1932 in Judgment Book 12, page 189. 316 pp. Available at: <http://www.waterrights.ca.gov/hearings/Judgements/ShastaRiverJudgementDecree.pdf>>. Website accessed January 13, 2005.
- State Water Resources Control Board (SWRCB). 1990. Information pertaining to water rights in California – 1990. May 1999. Available at: <http://www.waterrights.ca.gov/forms/app-geninfo.pdf>>. Website accessed February 1, 2006.
- State Water Resources Control Board (SWRCB). 1998. Water Right Order 98-08: Declaration of Fully Appropriated Stream Systems. November 19, 1998. 57 pp. Available at: <http://www.waterrights.ca.gov/FASList.pdf>>. Website accessed February 1, 2006.
- State Water Resources Control Board (SWRCB). 2000. Plan for California's Nonpoint Source Pollution Control Program. January 2000.
- State Water Resources Control Board (SWRCB). 2004. Policy for Implementation and Enforcement of the Nonpoint Source Pollution Control Program. May 20, 2004.
- Stedman, S. and J. Hanson. 2005. Habitat Connections. NOAA Fisheries Office of Habitat Conservation. <http://www.nmfs.noaa.gov/habitat/habitatconservation/publications/habitatconnections/habitatconnections.htm>>. Website accessed August 2, 2005.
- Sweet, J. 2004. Personal communication with James Sweet of Aquatic Analysts via e-mail with Matt St. John (Regional Water Board Staff) about select algae species present in Shasta basin. October 7, 2004. Copy was printed for the files.
- Tetratech. 2005. Use of Secondary Indicators for Developing Nutrient Criteria. White Paper in Support of Workshop to be Held in Sacramento, California May 18 and 19, 2005.
- Theurer, F.D., K.A. Voos, and W.J. Miller. 1984. Instream water temperature model. Instream flow information paper 16. United States Fish and Wildlife Service. Washington D.C. 316 pp.
- Thompson, L. 2005. Personal communication with Lisa Thompson of the University of California Davis Cooperative Extension via phone conversation with Matt St. John (Regional Water Board Staff) on July 20, 2005. Summary of conversation typed for the files.

- United Nations Environmental Programme Division of Technology, Industry, and Economics (UNEP). 1999. Planning and Management of Lakes and Reservoirs: An Integrated Approach to Eutrophication. Available at: <<http://www.unep.or.jp/ietc/Publications/techpublications/TechPub-11/>>. Website accessed February 2, 2006.
- United States Bureau of Land Management (BLM). 1999. Record of Decision, Northwestern California, Standards for Rangeland Health and Guidelines for Livestock Grazing Management. United States Department of the Interior. June 1999.
- United States Bureau of Land Management (BLM). 2000. Memorandum: Approval of Northwestern California Standards and Guidelines for Livestock Grazing. United States Department of the Interior. July 13, 2000. 18pp.
- United States Census Bureau (USCB). Undated. Your Gateway to Census 2000. American Fact Finder and State and County Quick Facts. Available at: <<http://www.census.gov/main/www/cen2000.html>>. Website accessed June 8, 2005.
- United States Department of Agriculture (USDA). 1983. Soil Survey of Siskiyou County California Central Part. Authors: Newlun, J.J., W.C. Lindsey, J.J. Jahnke, and L.A. Day. USDA, Soil Conservation Service. August 1983. 291 pp. + maps.
- United States Department of the Interior (USDI). 1985. Klamath River Basin Fisheries Resource Plan. Prepared by CH2M Hill, pp. 5-8 – 5-16.
- United States Environmental Protection Agency (USEPA). 1985. Rates, Constants, and Kinetics Formulations in Surface Water Quality Modeling, 2<sup>nd</sup> Ed. Environmental Research Laboratory. Athens, GA. EPA/600/3-85/040. 455pp.
- United States Environmental Protection Agency (USEPA). 1986. Quality Criteria for Water 1986. Office of Water Regulations and Standards. Washington, D.C. EPA 440/5-86-001. 337 pp. + appendices.
- United States Environmental Protection Agency (USEPA). 1991. Guidance for water quality-based decisions: the TMDL process. USEPA, 440/4-91-001. Available at: <<http://www.epa.gov/OWOW/tmdl/decisions/>>.
- United States Environmental Protection Agency (USEPA) 1998. Report to the Federal Advisory Committee on the Total Maximum Daily Load Program. EPA 100-R-98-006. Available at: <<http://www.epa.gov/owow/tmdl/faca/facaall.pdf>>.

- United States Environmental Protection Agency (USEPA). 1999. A review and synthesis of effects of alternation to the water temperature regime on freshwater life stages of salmonids, with special reference to Chinook salmon. Region 10, Seattle, WA. EPA 910-R-99-010. 279 pp. Available at: <[http://www.critfc.org/tech/EPA\\_report.htm](http://www.critfc.org/tech/EPA_report.htm)>. Website accessed on June 11, 2004.
- United States Environmental Protection Agency (USEPA). 2000. Nutrient Criteria Technical Guidance Manual Rivers and Streams. Office of Water, Office of Science and Technology, Washington D.C. EPA-822-B-00-002. 152pp + appendix.
- United States Environmental Protection Agency (USEPA). 2001a. Issue Paper 5: Summary of Technical Literature Examining the Physiological Effects of Temperature on Salmonids. Region 10, Seattle, WA. EPA 910-D-01-005. 119pp. Available at: <<http://yosemite.epa.gov/R10/water.nsf>>. Website accessed on July 2, 2004.
- United States Environmental Protection Agency (USEPA). 2002. National Recommended Water Quality Criteria: 2002. Office of Water. Office of Science and Technology. EPA-822-R-02-047. 30 pp. + appendices.
- United States Environmental Protection Agency (USEPA). 2003. EPA Region 10 Guidance for Pacific Northwest State and Tribal Water Quality Standards. Region 10, Seattle, WA. EPA 910-B-03-002. 49pp. Available at: <<http://www.epa.gov/r10earth/temperature.htm>>. Website accessed June 23, 2004.
- United States Forest Service (USFS) and State Water Resources Control Board (SWRCB). 1981. Management Agency Agreement Between the State Water Resources Control Board, State of California and the United States Forest Service, United States Department of Agriculture. May 1981.
- United States Forest Service (USFS) and United States Bureau of Land Management (BLM). 1994. Record of Decision for amendments to Forest Service and Bureau of Land Management planning documents within the range of the northern spotted owl and standards and guidelines for management of habitat for late-successional and old-growth forest related species within the range of the northern spotted owl (President's Forest Plan).
- United States Forest Service (USFS). 1995a. Land and Resource Management Plan, Klamath National Forest. United States Department of Agriculture. USFS, Pacific Southwest Region. November 1995.
- United States Forest Service (USFS). 1995b. Land and Resource Management Plan, Shasta-Trinity National Forest. United States Department of Agriculture. USFS, Pacific Southwest Region. April 1995.

- United States Forest Service (USFS). 1996. Gooseneast Adaptive Management Area Ecosystem Analysis, Klamath National Forest. United States Department of Agriculture. USFS, Pacific Southwest Region.
- United States Forest Service (USFS). 2000. Water Quality Management for Forest System Lands in California, Best Management Practices. United States Department of Agriculture. USFS, Pacific Southwest Region. September 2000.
- United States Forest Service (USFS). 2005. Fish Theme Name: "Fish Species Range" (knf\_fish). Survey data courtesy of USDA Forest Service, Klamath National Forest, KNF Supervisor's Office. Yreka, CA. Data downloaded on August 24, 2005.
- University of California Davis (UC Davis). 1998. Rice Irrigation Systems for Tailwater Management. Available at: <<http://www.agronomy.ucdavis.edu/uccerice/>>. Website accessed February 1, 2006.
- Vignola, E. and M. Deas. 2005. Lake Shastina Limnology. Watercourse Engineering, Inc. Prepared for the Information Center for the Environment; Department of Environmental Science and Policy; University of California, Davis and North Coast Regional Water Quality Control Board. April 2005. 73pp.
- Watercourse Engineering, Inc. 2004. Shasta River Field Monitoring Report 2001-2002. Napa, CA. 44pp + appendices.
- Watershed Sciences, LLC. 2004. Aerial Surveys using Thermal Infrared and Color Videography: Scott River and Shasta River Sub-Basins. Prepared for the North Coast Regional Water Quality Control Board and University of California Davis. February 26, 2004. 39 pp. + appendix.
- Welch, E.B. 1992. Ecological Effects of Wastewater: Applied limnology and pollutant effects, 2<sup>nd</sup> Ed. London, England. Chapman and Hall.
- Whelan, J. 2005a. Personal communication with Jim Whelan of the California Department of Fish and Game via e-mail to Katharine Carter (Regional Water Board Staff) on January 5, 2005, 2:03 PM, and follow up phone conversation on that same date. Copy was printed for the files.
- Whelan, J. 2005b. Personal communication with Jim Whelan of the California Department of Fish and Game via e-mail to Katharine Carter (Regional Water Board Staff) on July 12, 2005, 3:48PM and July 13, 2005, 7:47AM. Copy was printed for the files.
- Whelan, J. 2005c. Personal communication with Jim Whelan of the California Department of Fish and Game via e-mail to Katharine Carter (Regional Water Board Staff) on December 16, 2005. Copy was printed for the files.